M. A. R. 57 (Rule 116)
Measurement Book

No. B

495828

No. of Bill: 1st and final Bill ✓

Name of Work ..... From ..... To .....

Name of Contractor or nature of Agency ..... Executive Engineer, KRIDL, Chavara ✓

Date of commencement of work ..... D-O-Recording : 12.06.2019 ✓

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Name of work : Imp to Roads, drains at Kalmila Nagar Cross Roads in Ward No. 11. Kunnumpuram ✓						
Estimated cost Rs : 25.00 Lakhs						
Agreement No : 011-18-000026 ✓						
Work order No : BBMP/EE/RTP/WO/28/2018-19 ✓						Dt. 13-07-2018 ✓
Tender No : AS/EE(RTP)/77/17-18						Dt. 14.12.2017
Page No : TS/CE(PWR)/595/17-18						Dt. 02.02.2018

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
①	Earthwork for Road, drains & similar works, Earthwork Excavation by manual means in ordinary soil including as average lead upto 2mts and as average lift upto 0.50m, Excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods etc complete as per specifications & directions of Engineer-in-Charge of work.						
						@ Rate this MB. Pg no ①	
						P.no 495876 = 102.06 M³	20346.68
						@ 199.36/M³	
②	Removing of repairing of	stone slabs of drains and paving					

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Measurement Book

No. B

495829

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
In CM (1:3) etc complete as per specifications and directions of Engineer-in-charge of work.						
					9kg as de this MB. p. 06	495876
					If No. (2) = 688.40m² @ 80.56/m²	54813.02
(5) Providing granite slabs of selected quality roughly dressed having a size of 7.50cms thick and fixed in CM(1:6) including joints etc complete as per specifications and directions of Engineer-in-charge of work.						

nts	Reference to last Measurement 8
	20346.68

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Opp. Vaishnavi Theatre Valmiki Nagar - N/S	1	18.00	-	1.35	24.30	
		1	20.00	-	1.35	27.00	
		1	12.00	-	1.35	16.20	
		1	15.00	-	1.35	20.20	
		1	19.00	-	1.35	25.65	
		1	22.00	-	1.35	29.70	
		1	27.00	-	1.35	36.45	
		1	20.00	-	1.35	27.00	
	Opp. Vaishnavi Theatre Valmiki Nagar - N/S	1	18.00	-	1.35	24.30	
		1	22.00	-	1.35	29.70	
		1	13.00	-	1.35	17.55	
		1	23.00	-	1.35	31.05	
		1	25.00	-	1.35	33.75	
		1	27.00	-	1.35	36.45	

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Measurement Book

No. B

495830

... From ... To ...

... of Contractor or nature of Agency ...

... of commencement of work ...

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
C4F Manual	1	22.00	–	1.35	29.70	
	1	16.00	–	1.35	21.60	
	1	22.00	–	1.35	29.70	
	1	12.00	–	1.35	16.20	
					476.55 m²	
				Ld Rs	476.28 m²	
				@	665.68/m²	317050.00
Providing and filling in foundn with granite/stone broken metal between and down side with approved suitable hard ramming, watering, including cost of all materials and						

Contents 7 | Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	labour with all lead and lift etc complete as per specification and directions of Engineer-in-charge of works.						
						Brought this M.B. p. no. 495877	
						Item ③ : 68.04m³ @ 2240.84/-	
5)	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement 180 days with 40mm nominal down size graded granite metal coarse aggregate 0.85m³ and fine aggregate 0.57m³ machine mixed, concrete laid in layers not exceeding 15cms thick well compacted in finish including cost of all materials, labour charges						152466.35

Contents 7	Reference to last Measurement 8
...pecification	
495877	
...e 2240.84 /y³	152426.35
...y mor...	
...down...	
...85 y³	
...rock	
...mpacted	
...m from	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495831

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
a) Excavation, curing etc complete as per specification.						
as per wide this M.B. p.no 495877						
Item no (4)	2	95.36			y³ @ 5159.02/y³	234013.15
b) Providing and Constructing load Bearing wall with solid blocks,						
of size 400mm x 200mm x 200mm having block density not						
less than 1 no y/y³ and having a min. average comp.						
strength 4.0 no/mm² conforming to IS: 2185 Constructi/						
with cm 1:4 as per IS 2572-2005 including curing all						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Material, labour charges, scaffolding curing etc complete as per specifications and directions of Engineer-in-charge of Work						
	Krishnan's theatre Val	2×2	30.00	-	0.40	48.00	
		2×1	30.00	-	0.40	24.00	
		2×1	26.70	-	0.40	21.36	
		2×2	30.00	-	0.40	48.00	
		2×1	17.40	-	0.40	13.92	
	——— s/s	3×2	30.00	-	0.40	72.00	
		2×1	26.70	-	0.40	21.36	
		2×2	30.00	-	0.40	48.00	
						295.84	

th	Contents	Reference to last Measurem
	7	8
	complete	
	in charge	
	48.00	
	24.00	
	24.32	
	48.00	
	13.12	
	72.00	
	24.36	
	48.00	
	245.84	

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Measurement Book

No. B

495832

Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

From..... To.....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	2×1	9.90	–	0.40	7.92	
	2×4	30.00	–	0.40	96.00	
	2×5	5.00	–	0.40	4.00	
					404.56 m²	
				Ltd to	403.20 m²	
					@ 993.22/m²	400466.00
Providing and laying in position plain cement concrete of mix 1:2:4 with 20mm nominal size granite/metal coarse aggregate					0.69 m³ and	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregate 0.459m³, machine mixed concrete laid in layers not exceeding 15 cms thicke well compacted in foundⁿ, plinth w/ cills, including costing all material, labour, hiring of machinary, curing etc complete as per specification & directions of Engineer-in-charge of Wor.						
	Cr for Bed						
	Opp. Vaishnavi theatre Vaikunthapuram N/	3×1	30.40	0.45	0.10	4.05	
		1	26.70	0.45	0.10	1.20	
		2×1	30.40	0.45	0.10	2.70	
		1	17.40	0.45	0.10	0.78	
	S/S	3×1	30.40	0.45	0.10	4.05	
		1	26.70	0.45	0.10	1.20	
						13.98	

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No. B

495833

... From ... To ...

... of Contractor or nature of Agency ...

... of commencement of work ...

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	2	30.00	0.45	0.10	2.70	
	1	9.90	0.45	0.10	0.45	
	4	30.00	0.45	0.10	5.40	
	1	5.00	0.45	0.10	0.23	
Providing Reinforcement in Retaining Wall N/S	3	30.00	0.20	0.10	3.60	
	2	26.70	0.20	0.10	1.07	
	2	30.00	0.20	0.10	2.40	
	2	17.40	0.20	0.10	0.70	
S/S	3	30.00	0.20	0.10	3.60	
	2	26.70	0.20	0.10	1.07	
	2	30.00	0.20	0.10	2.40	

33.72

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2 x 1	9.90	0.20	0.10	0.40 m³	
		2 x 4	30.40	0.20	0.10	4.80	5.4
		2 x 1	5.40	0.20	0.10	0.20	
						42.98 m³	
					Lab	42.84 m³	
					@ 5764.46/m³		247078.00
8)	Providing precast labour material, labour, curing transportation, loading unloading etc Complete as per direction of Engineer-in-charge of work.						
	Theatre Roof N/S	3 x 1	30.40	0.90	-	81.00	
		1	26.70	0.90	-	24.03	
		2 x 1	30.40	0.90	-	54.00	
						159.03	

Contents	Reference to last Measurem
7	8
0.40 m³	8.4
4.60	
0.20	
42.984 m³	
42.84 m³	
67.46 m³	247078.00
...r of ... m³	
...g etc	
...f work.	
81.00	
24.03	
54.00	
159.03	

M. A. R. 57 (Rule 116) **No. B**

Measurement Book

495834

...al No. .....

...e of Work ..... From..... To.....

...e of Contractor of nature of Agency .....

...e of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth	7	8
2	3	4	5	6		
	1	17.40	0.90	-	15.66	
	3×1	30.00	0.90	-	81.00	
	1	26.70	0.90	-	24.03	242.37
	2×1	30.00	0.90	-	54.00	296.43
	1	9.90	0.90	-	8.91	
	4×1	30.00	0.90	-	108.00	
	1	5.00	0.90	-	4.50	
					435.13 m²	
				1.46	453.604	825806.00
					₹ 1820.56	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Sub-Total R		2252040.00
					KRIDL Charges 10%.		252204.00
					Labour cess @ 1%.		22520.00
					Total R		24,99,764.00
	12/06/2019						

Contents	Reference to last Measurem
7	8
...nd R	2252040.00
...Charge	10/. 252204.00
@ 1%.	22520.00
...total R	24,99,764.00

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Measurement Book

No. B

495835

...of Work ..... From..... To.....

...of Contractor of nature of Agency .....

...of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8